

FIG. 1

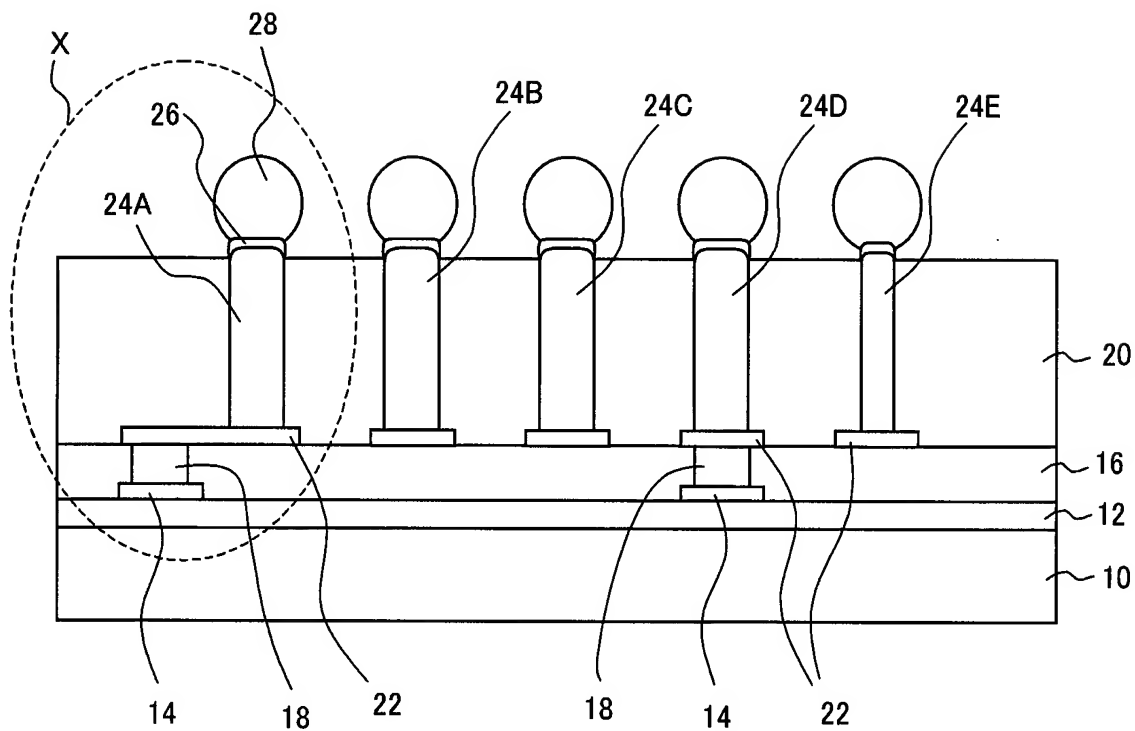


FIG. 2

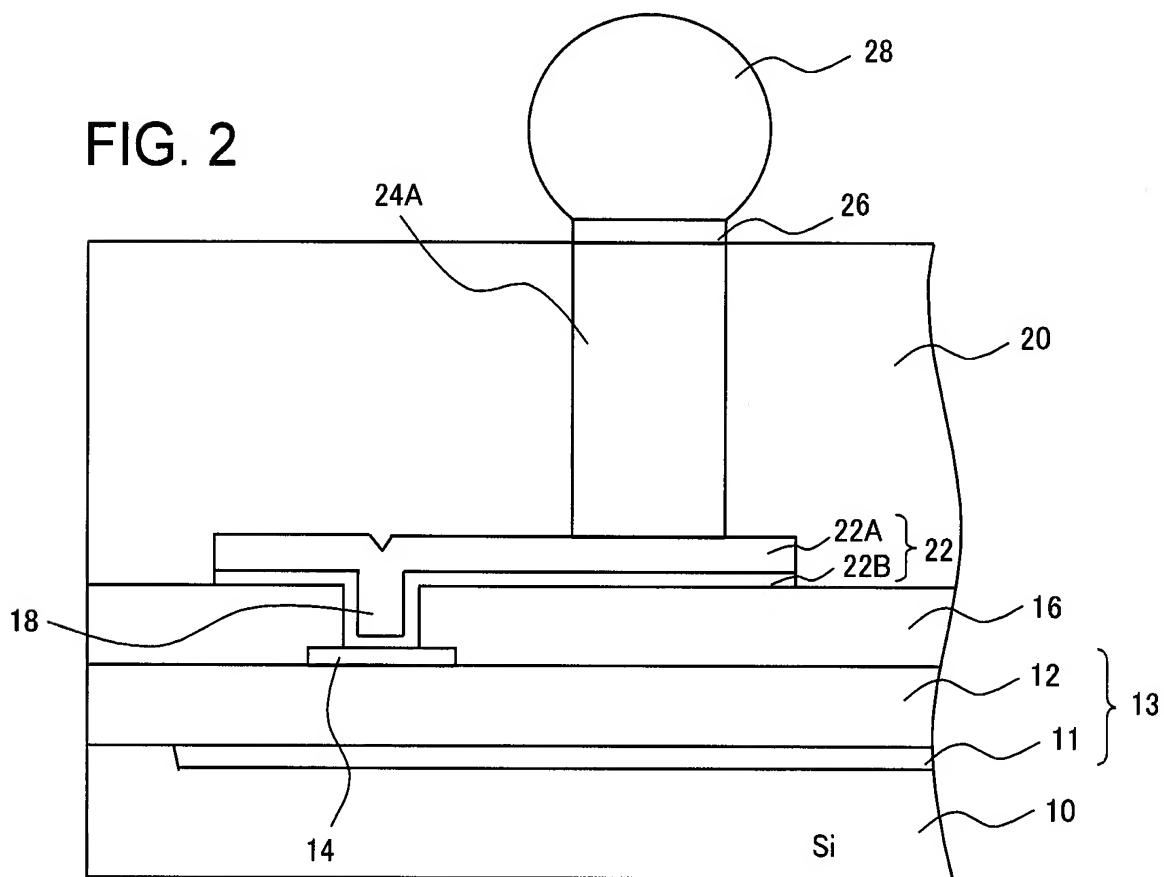


FIG. 3

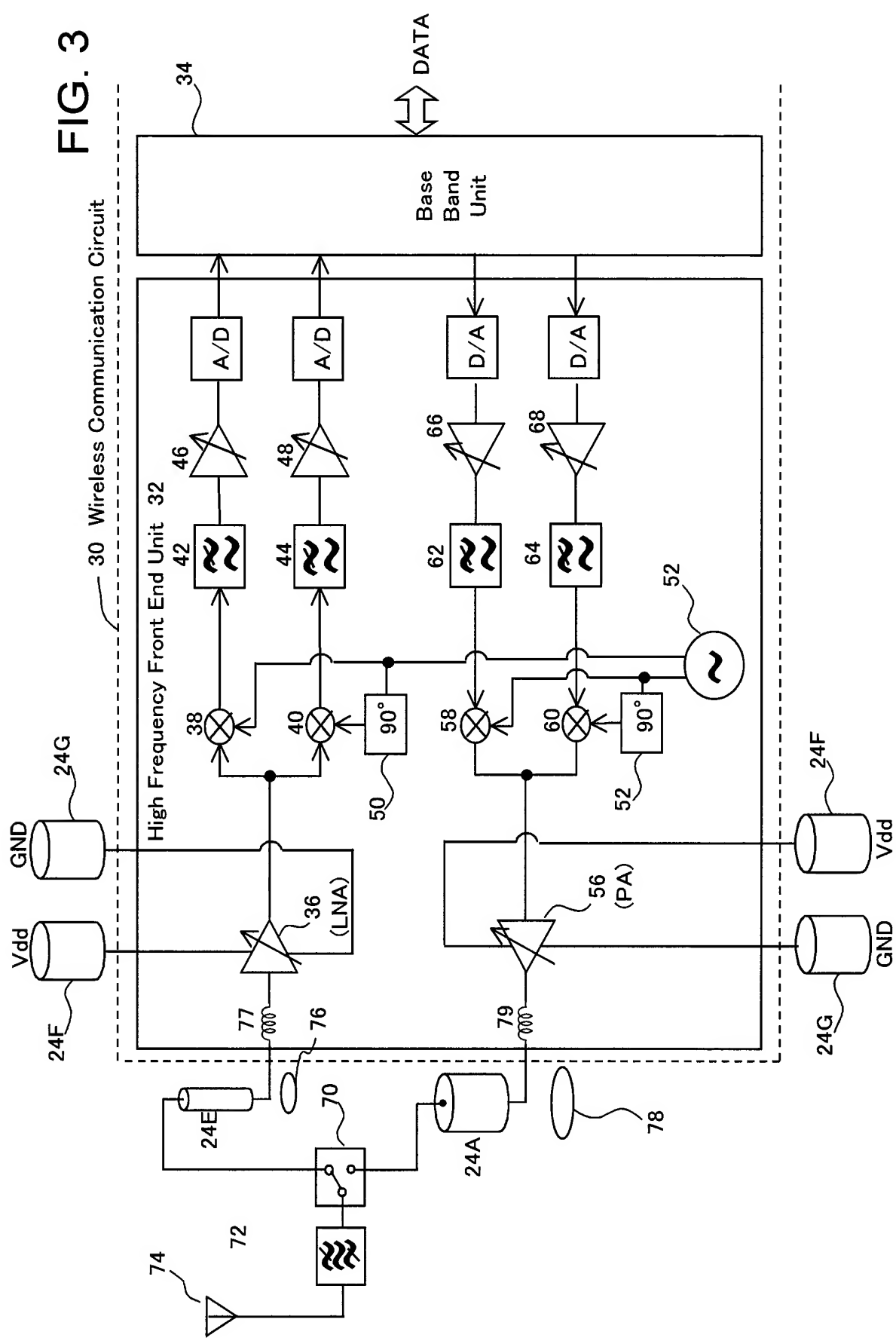


FIG. 4

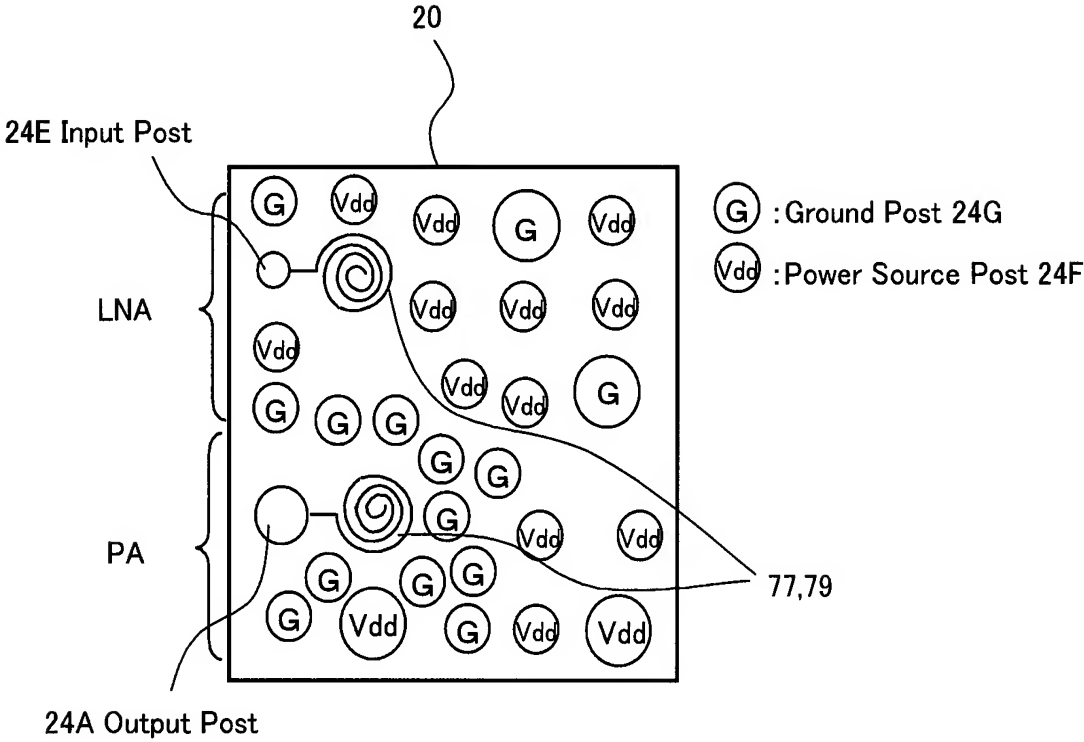


FIG. 5

Receiving Side Post & Transmitting Side Post

Receiving Side

Transmitting Side

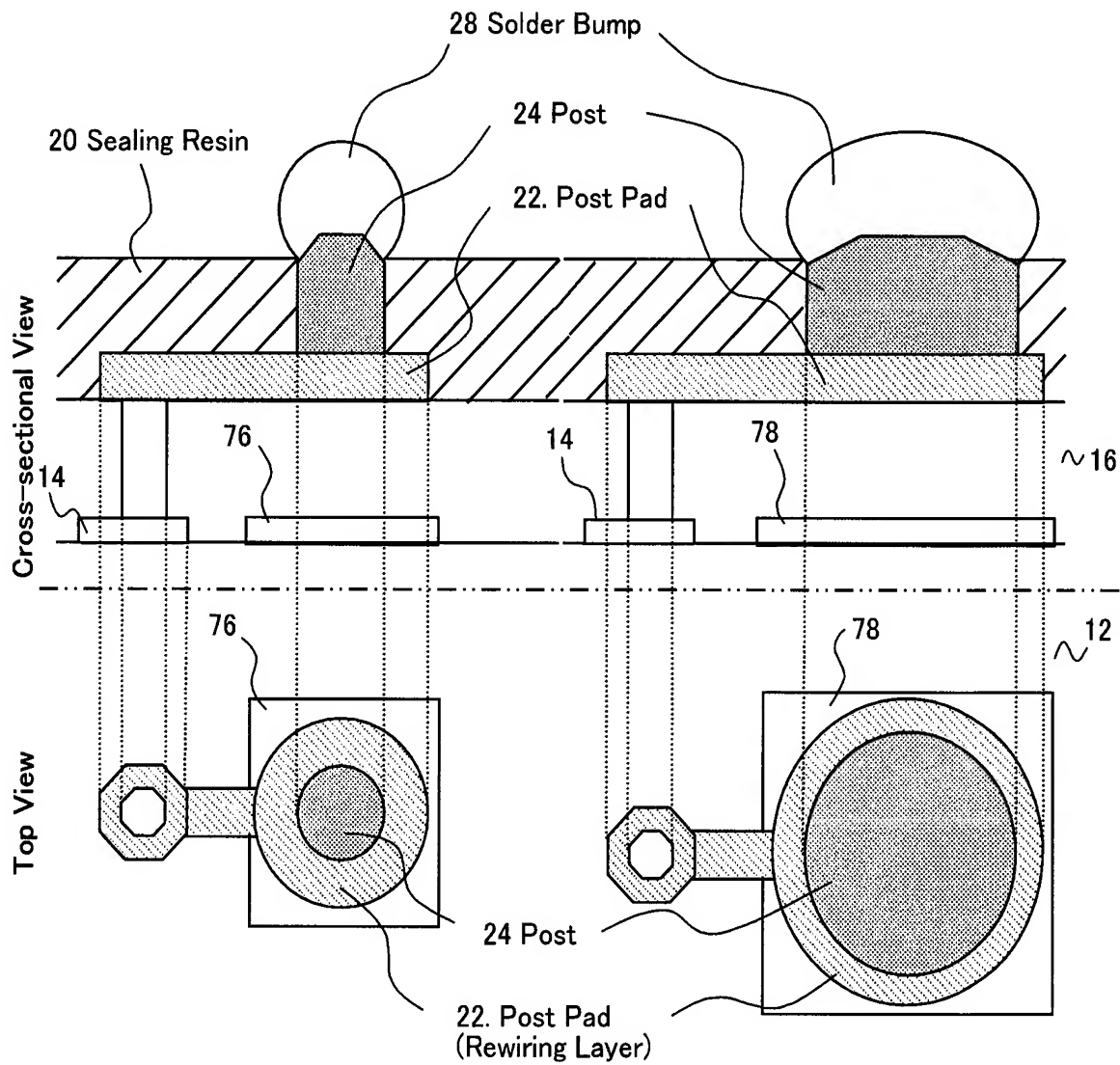


FIG. 6

Power Source & Ground Posts

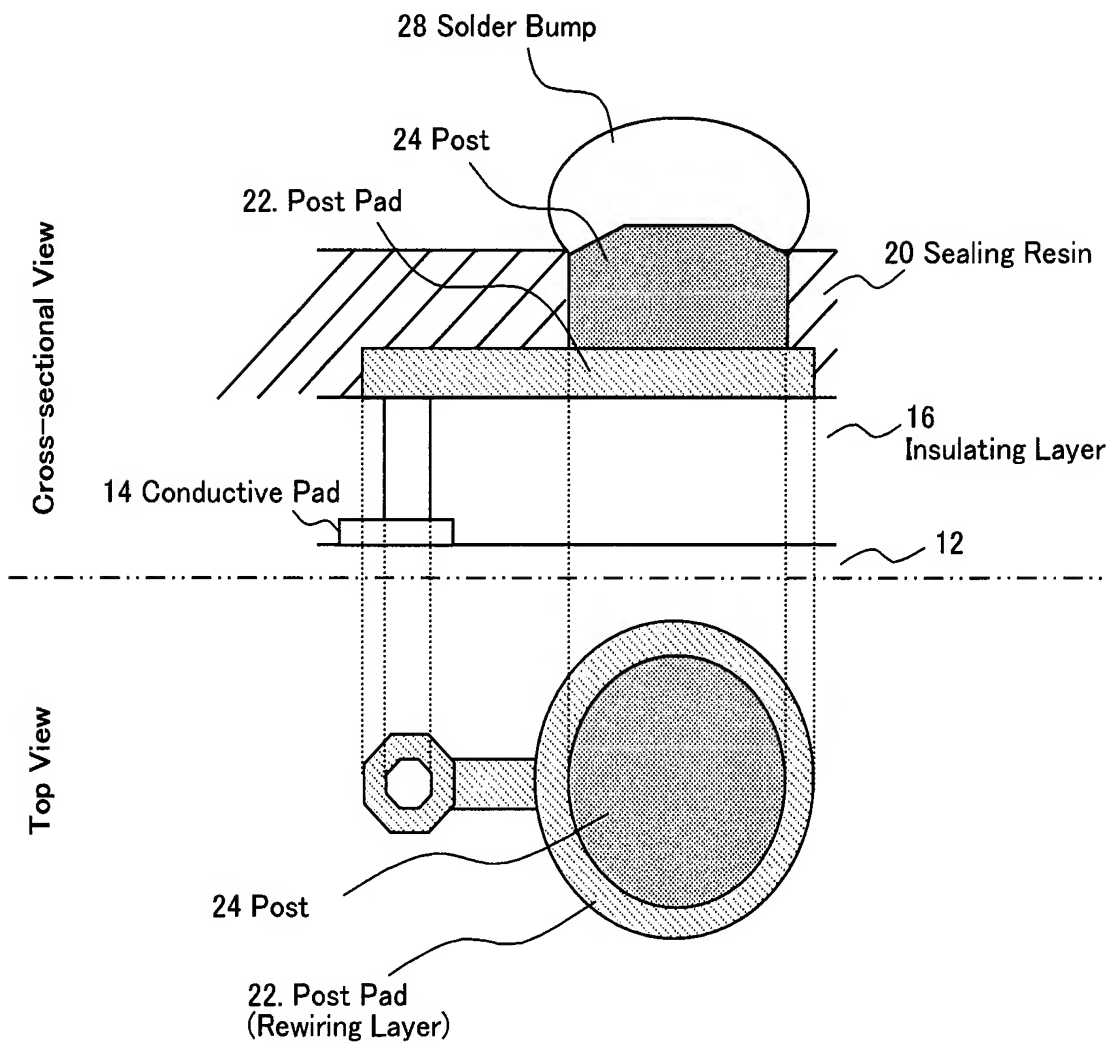


FIG. 7A

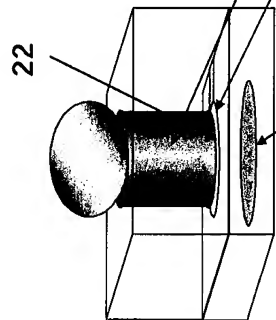
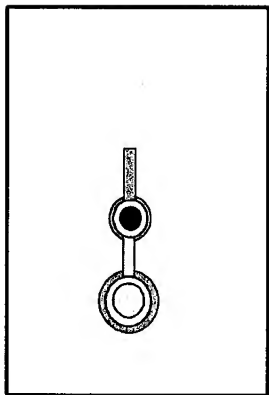


FIG. 7C
Shield Portion

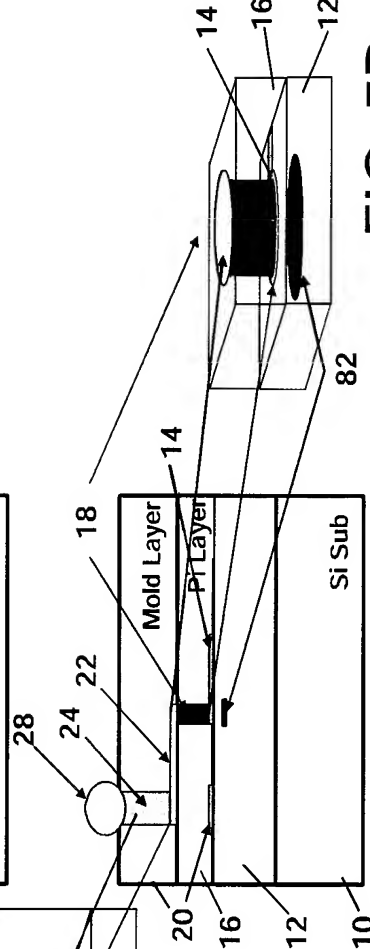


FIG. 7B

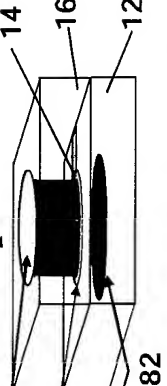


FIG. 7D
Shielded Portion

FIG. 8A

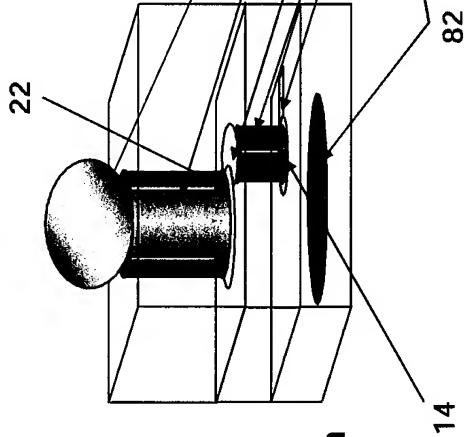
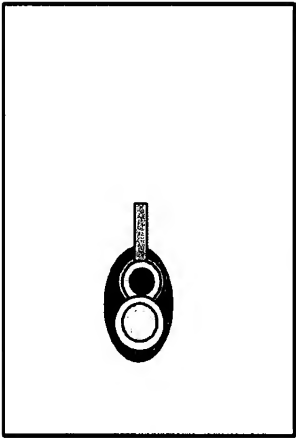


FIG. 8C
Shield Portion

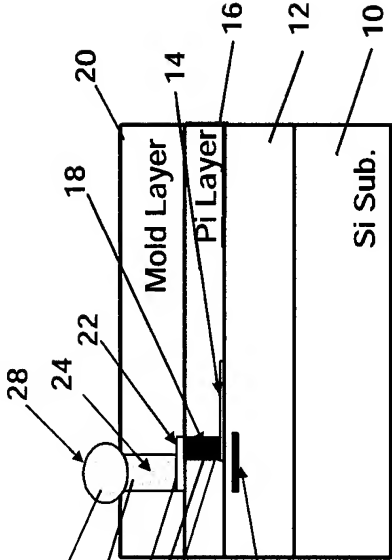


FIG. 8B

FIG. 9

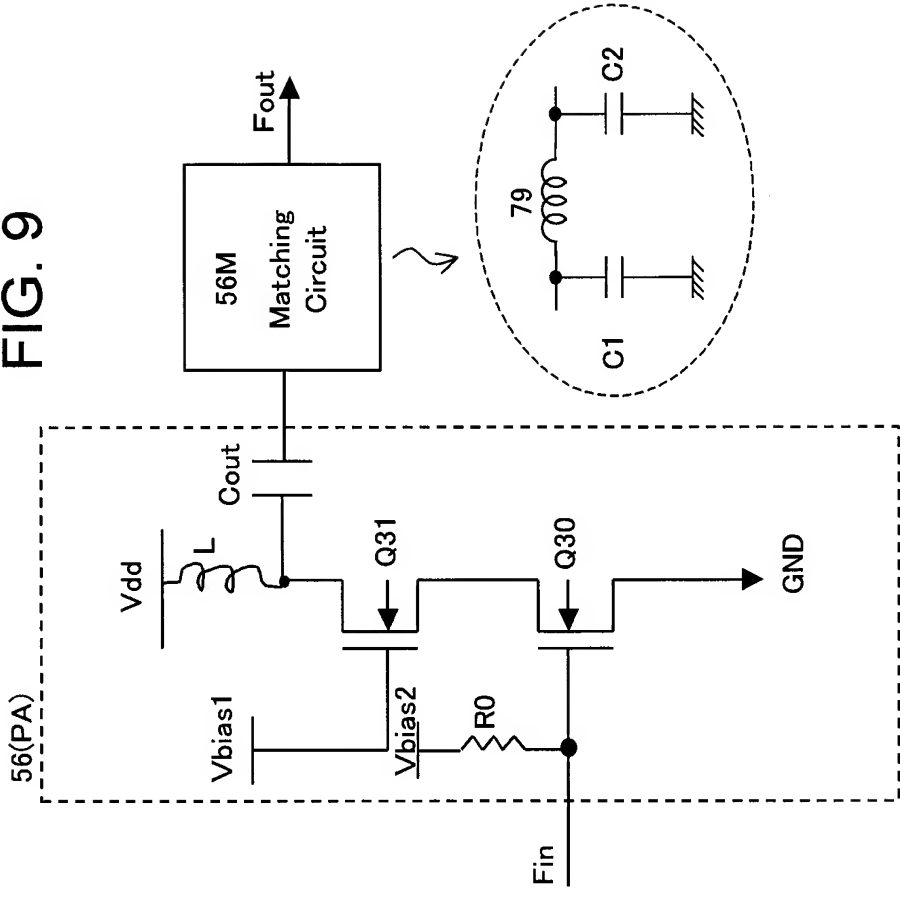
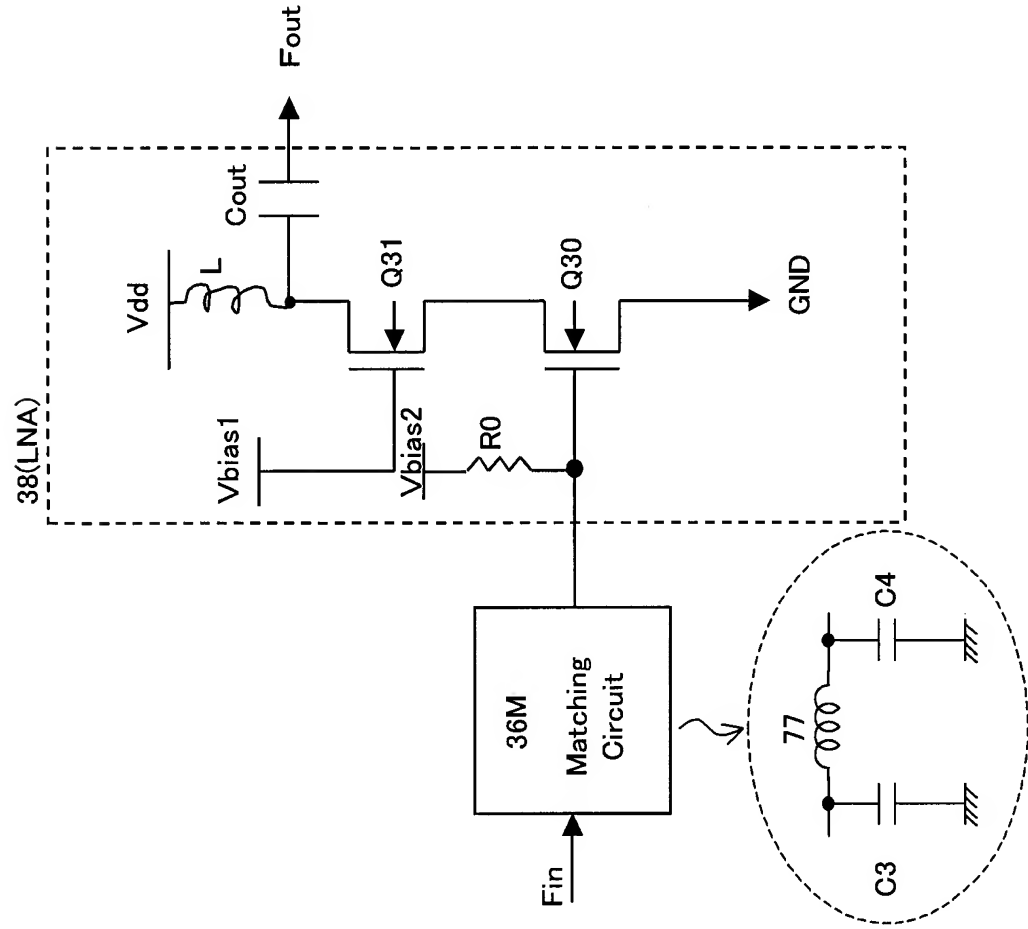
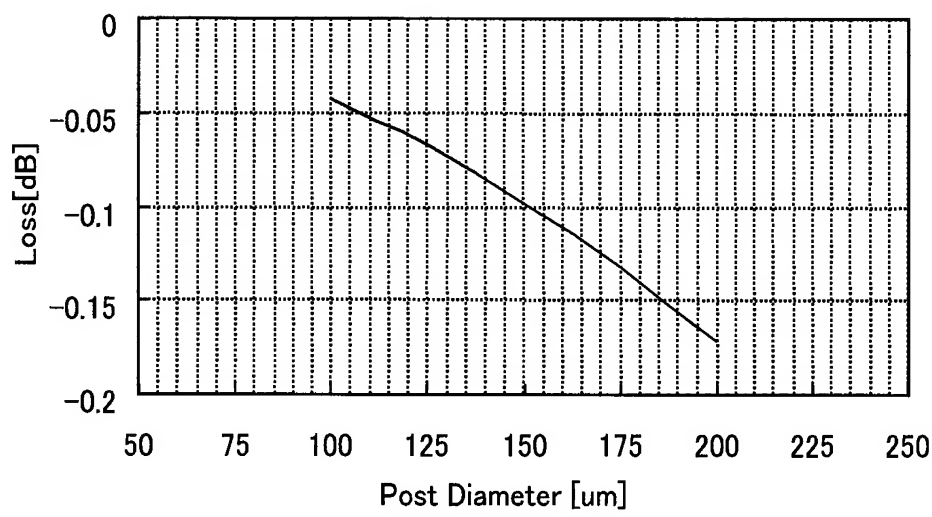


FIG. 10



Relation Between Post Diameter and Loss for 5GHz

FIG. 11

Circle : Diameter of post=200um
 Square : Diameter of post=175um
 Triangle : Diameter of post=150um
 X : Diameter of post=125um
 Diamond : Diameter of post=100um

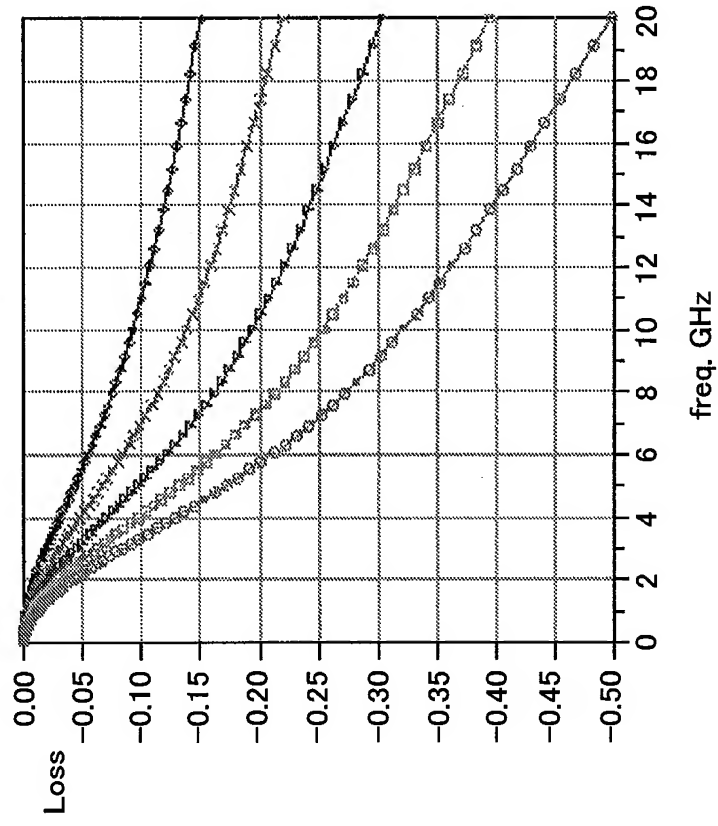


FIG. 12

Circle : Diameter of post=200um
 Diamond : Diameter of post=100um
 Triangle : Diameter of post=200um with GND-Shield
 X : Diameter of post=100um with GND-Shield

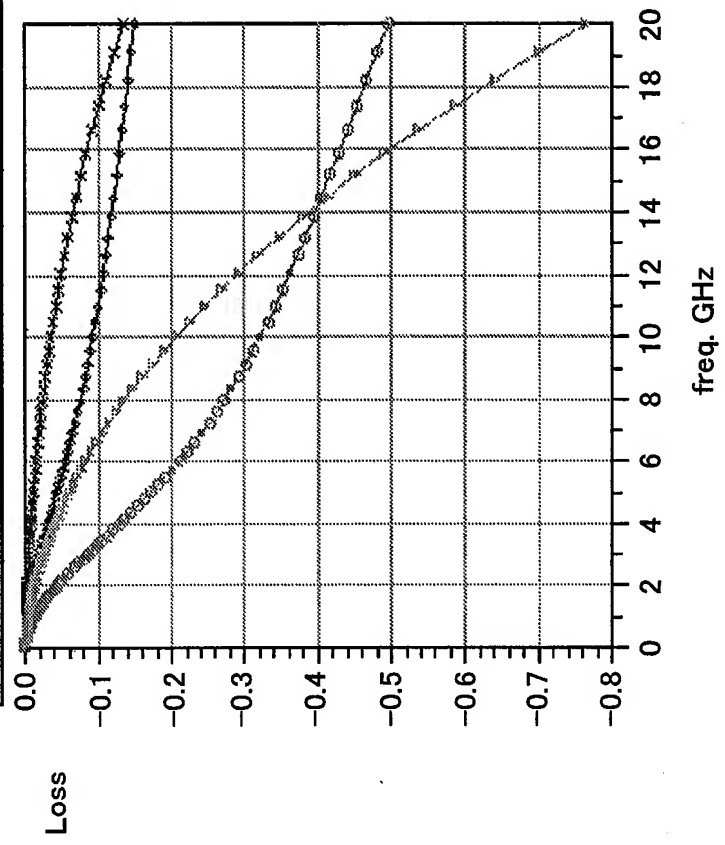


FIG. 13

- No Symbol : Inductor only
- Circle : Inductor + PAD for post (Diameter of post=200um)
- Diamond : Inductor + PAD for post (Diameter of post=100um)
- Triangle : Inductor + PAD for post (Diameter of post=200um with GND-Shield)
- X : Inductor + PAD for post (Diameter of post=100um with GND-Shield)

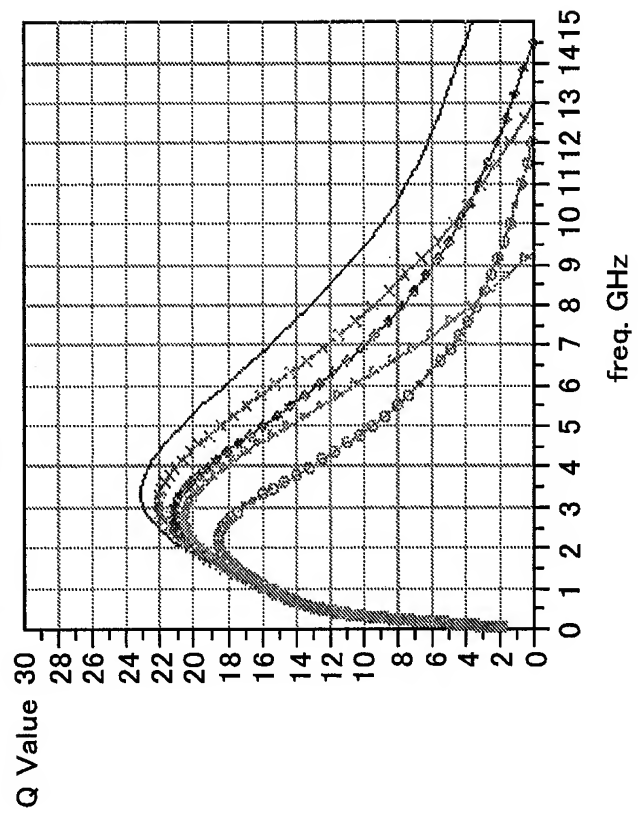


FIG. 14

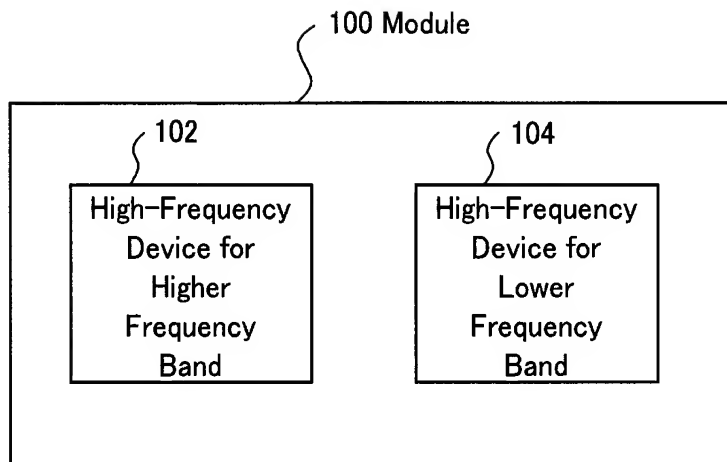


FIG. 15A

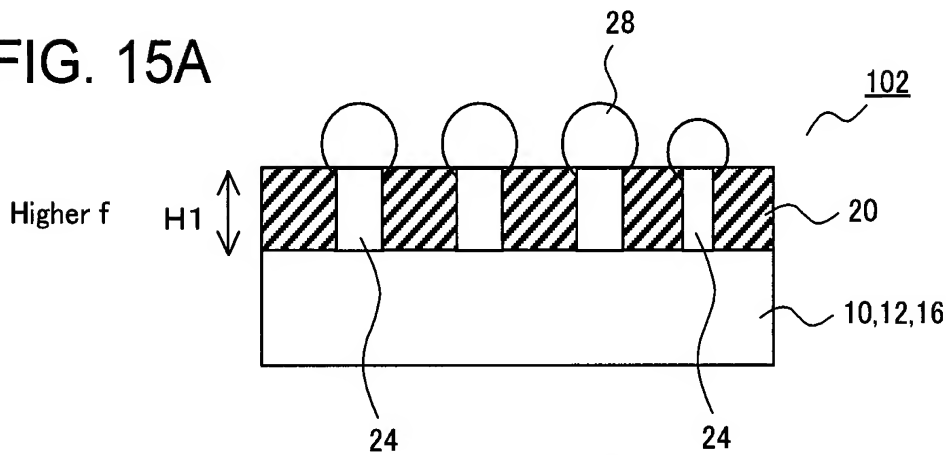


FIG. 15B

